

| ICS 209 (Oil Spill) - Incident Status Summary | | | | | | | | | | Version Name: 20200103 | | | | | | | |
|---|-----------------|------------------------------------|-----------------|--------------------------------|-------------------------|------------------------|--|----------------------------|----------------------------|---|-----------------------|--------------------|---|----|---|---|----|
| Incident Name: South 4 Group Fire | | | | | | | | | | Period: Period 16 [12/19/2019 06:00 - 01/31/2020 06:00] | | | | | | | |
| Spill Status (Estimated) | | | | | | | | | | Equipment Resources | | | | | | | |
| Source Status | | Remaining potential | | 151,740 | | Kind | | Ordered | Available | Assigned | Out-Of-Service | Total Count | | | | | |
| SECURED | | Rate of spillage | | 0 barrel(s) | | Air Monitor - MultiRAE | | 0 | 0 | 73 | 0 | 73 | | | | | |
| | | Volumes measured in | | barrel(s) | | Air Monitor - UltraRAE | | 0 | 5 | 43 | 0 | 48 | | | | | |
| | | Since Last Report | | Total | | Boom | | 0 | 1 | 2,000 | 0 | 2,001 | | | | | |
| Total Volume Spilled | | 0 | | 999 | | Fire Fighting Foam | | 0 | 0 | 0 | 0 | 0 | | | | | |
| Mass Balance (Estimated) | | | | | | | | | | Volumes in gallon(s) | | | | | | | |
| Recovered Material (Liquid) | | 15,000 | | 76,500 | | Jon Boat | | 0 | 0 | 3 | 1 | 4 | | | | | |
| Foam | | 0 | | 1,320 | | Pumps | | 2 | 16 | 17 | 0 | 35 | | | | | |
| Combusted Material (bbl) | | 0 | | 48,970 | | Response Boat | | 0 | 0 | 0 | 0 | 0 | | | | | |
| Waste (Estimated) | | | | | | | | | | Skimmer | | | 0 | 17 | 1 | 0 | 18 |
| Type | | Recovered | Stored | Disposed | UOM | Sorbent: Boom | | 0 | 50 | 8,350 | 0 | 8,400 | | | | | |
| Sorbent: Boom | | 13,720 | | | Feet | UTV | | 7 | 8 | 25 | 0 | 40 | | | | | |
| Debris | | 1,329 | | | Bags | Vacuum Truck | | 0 | 0 | 6 | 0 | 6 | | | | | |
| Liquid | | 230,030 | | | gallon (s) | Vehicle | | 10 | 18 | 154 | 0 | 182 | | | | | |
| | | | | | | Viscous Sweep | | 0 | 0 | 201 | 0 | 201 | | | | | |
| Shoreline Impacts | | | | | | | | | | Distances measured in mile(s) | | | | | | | |
| Degree of Oiling | | Affected | Cleaned | Remaining to be Cleaned | | Organization | | People in the Field | People in Cmd. Post | Total People On Scene | | | | | | | |
| | | | | | | Other | | 4 | 0 | 4 | | | | | | | |
| Wildlife Impacts | | | | | | | | | | Federal | | | 0 | 0 | 0 | | |
| | | | | | Died In Facility | | State | | 1 | 1 | 2 | | | | | | |
| Type | Captured | Cleaned | Released | DOA | Euth. | Other | Local | | 16 | 0 | 16 | | | | | | |
| Fish Above 3" | 0 | 0 | 0 | 68 | 0 | 0 | RP | | 124 | 31 | 155 | | | | | | |
| Bird | 0 | 0 | 0 | 0 | 0 | 0 | Contract Personnel | | 490 | 36 | 526 | | | | | | |
| Mammal | 0 | 0 | 0 | 0 | 0 | 0 | Totals | | 635 | 68 | 703 | | | | | | |
| Reptile | 0 | 0 | 0 | 1 | 0 | 0 | Special Notes | | | | | | | | | | |
| 2-3" Fish | 0 | 0 | 0 | 2,000 | 0 | 0 | Active Fires: 1 | | | | | | | | | | |
| Blue Crab | 0 | 0 | 0 | 18 | 0 | 0 | Notes: | | | | | | | | | | |
| Pig | | | | 2 | | | *Spilled material based on 98% destruction efficiency of the fire. | | | | | | | | | | |
| Turtle | | | | 1 | | | NO CIR's | | | | | | | | | | |
| Safety Status | | | | | | | | | | | | | | | | | |
| Type | | Amount since last report | | Total Amount | | | | | | | | | | | | | |
| Public Injury | | 0 | | 0 | | | | | | | | | | | | | |
| Responder Injury | | 1 | | 5 | | | | | | | | | | | | | |
| Community Air Monitoring readings for Butadiene | | | | 42,300 | | | | | | | | | | | | | |
| Community Air Readings for all analytes | | | | 119,000 | | | | | | | | | | | | | |
| BD - Community Air Detections above action level | | | | 240 | | | | | | | | | | | | | |
| VOC - Community Air Detections above action level | | | | 11 | | | | | | | | | | | | | |
| ICS 209 (Oil Spill) - Incident Status Summary | | | | | | | | | | Prepared By Planning Section, Updated 01/03/2020 19:52 UTC -6: PP | | | | | | | |
| INCIDENT ACTION PLAN SOFTWARE™ | | Printed 01/03/2020 19:55 UTC -6:00 | | | | 1 of 7 | | © TRG | | | | | | | | | |

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|---|------------------------------------|--------------|---|--|-------|
| ICS 209 (Oil Spill) - Incident Status Summary | | | Version Name: 20200103 | | |
| Incident Name: South 4 Group Fire | | | Period: Period 16 [12/19/2019 06:00 - 01/31/2020 06:00] | | |
| Safety Status | | | | | |
| Type | Amount since last report | Total Amount | | | |
| Community Air Monitoring readings for VOC | | 42,600 | | | |
| ICS 209 (Oil Spill) - Incident Status Summary | | | Prepared By Planning Section, Updated 01/03/2020 19:52 UTC -6: PP | | |
| INCIDENT ACTION PLAN SOFTWARE™ | Printed 01/03/2020 19:55 UTC -6:00 | | 2 of 7 | | © TRG |

Daily Summary – TPC Port Neches South 4 Group Fire 1/3/2020

The waterway has now transitioned to Maintenance and Monitoring Mode

| Shoreline Impacts | Assessed, miles | In Remediation, miles | Sign Off |
|--------------------------------------|-----------------|-----------------------|----------|
| No Oil Observed | 4.96 | | 4.96 |
| Light Oil | 1.05 | | 1.05 |
| SCAT Recommends No Further Treatment | 2.58 | | 2.58 |

- A CIR was issued to notify UC that the Outfall 201 overflowed 1" above the weir at 0305 on 1/3/2020.
- No new leaks were identified.
- Meetings continue to progress with SRS to address Block 5 leaks.
- There were no BD or VOC readings above detection levels. Community air monitoring for Butadiene and VOC continues to be performed 24/7 within the ½-mile radius of the site.
- Water continues to be sprayed on 2 areas to help reduce concentrations of butadiene within the work zone. The flow has been reduced to 2000 gpm.
- Progress on 1/3:
 - The USCG inspected the Dock with no issues.
 - The Thermal Oxidizer was started up and vented the vapor space of Tank 100 to the T.O. Plans are to initiate the Nitrogen Header Purging procedure during evening of 1/3.
- Work Zone recovery of PACM/ACM material continued. Wipe tests were collected per the Building ACM Plan.
- There was no DEHA injection on 1/3.
- The drone flew routine routes observing the waterways and performing the daily tank inventory. There were no issues identified.
- The following table provides a list of ongoing leaks have been identified on lines associated with the following:

| Tank Number/Equipment Type | Material in Tank | Component Involved | Repaired |
|---|-----------------------|---|------------|
| 39 | Raffinate | Flange on line east of sphere 39 | |
| 40 | Raffinate | Tubing valve | 12/14/2019 |
| 36 | High Butane Raffinate | Flange on tank | |
| 33 | High Butane Raffinate | Tubing fitting. Leak under tank not accessible. | |
| 35 | High Butane Raffinate | Tubing leak | |
| 90 & 91 | High Purity Butadiene | Leak on common suction line, 092 that runs N to S | |
| 26 | Crude C4 | Line leak, attempted repair with clamp | 12/14/2019 |
| 30 | Water and NMP Solvent | Tubing fitting | 12/13/2019 |
| 219 | MTBE | Vacuum Breaker, Intermittent | |
| 2" Flange SE corner of block 10 | Assumed BD | Flange | 1/1/2020 |
| 6" valve at block 5 on 3 rd street | Raff | Valve | 12/17/2019 |
| Tank 42 Relief Valve | Raff | Relief Valve | |
| 2-Six-inch line leaks where Tank 34 | Raffinate, High BD | Line Leak | |

| Tank Number/Equipment Type | Material in Tank | Component Involved | Repaired |
|--|------------------------|--------------------|----------|
| 1-6" Line (originally thought to be 2-10" lines to process compressor) | High BD concentration, | Damaged piping | |
| Tank 220 | MTBE | Vacuum Breaker | |
| 3" Line in Block 5 | Assumed BD | Line Leak | |
| 3" flange SW of 33tk on 2 nd St. | Assumed BD | Flange | |
| Sphere 38 | Polyblend | Telltale Line | |

- The Outfall Canal remains in Monitoring and Maintenance mode. The water flowed 1" above the weir at 03:05 as a result of rainfall.

Upcoming Activities

- Implementing the Nitrogen Header Purging /Clearing Process.
- Monitoring of the schools has been suspended during Holiday Break, but the area will continue to be monitored as part of the 1/2 -mile radius Air Monitoring Plan. Classes will begin again next week.
- The Potential Asbestos Containing Material (PACM) Cleanup Team continues collecting material found on the ground, per the approved plan. They will continue the work but will not remediate the area or disturb the evidence. The teams, comprised of approximately 38 people, started at the north end of the site and have completed the removal from several blocks. Material will continue to be removed in a planned manner until the whole site has been completed.
- The Technical Teams continue to develop and review the plans that are being developed ultimately de-inventory equipment at the site.

Health and Safety

- No issues.

Water Effluent

- Status of 201: 1' below the weir.
- GPM to JWWTP: 4300 gpm today

Water Testing:

- A cumulative water sampling summary for CTEH activities since November 27, 2019 and surface water/drinking water sample results received as of January 2, 2020 was submitted today. It will be sent out in a second email.

Wildlife Report

- There were no Wildlife reports on 1/3/2020.

Recovery Operations

- Routine monitoring.

SCAT Report

- Maintenance and Monitoring Plan is in effect.

Waste

No changes 1/3/2020.

Profiles are being finalized and disposal options identified for the waste that has been collected outside of the site.

| Gallons | Frac Tanks (20,000 gallons capacity) | # Of Tanks Used |
|----------------|---|-----------------|
| 177,500 | Liquids from outfall canal skimming | 9 |
| 10,000 | Water and hydrocarbons from south separator | .5 |
| 30,000 | Latex-laden Wastewater from LION | 1.5 |
| 15,000 | Hydrocarbons from API Separator | 0.75 |
| 250 | Wash Water from decon at Vallen Trailer | 0.1 |
| 10,000 | Liquids from Second Street Ditch | 0.5 |
| | Empty Available and Staged | 5 |
| 235,250 | Totals | 19 |

| CYD's | Roll Off Boxes (25 CYD's capacity) | # Of Boxes Used |
|------------|--|-----------------|
| 225 | Hydrocarbon Debris and Sorbents from Canal | 11 |
| 225 | Totals | 11 |

Empty available and staged (requested 4 more) 2

| CYD's | Potential Asbestos Containing Material (PACM) | # Of Boxes Used |
|--------------|---|-----------------|
| 12.5 | Material from 201 outfall and south separator | 0.5 |
| 30 | Motiva (1-full, 1-in use) | 2 |
| 6.25 | Joint Waste Water | 1 |
| 48.75 | Totals | 4 |

| | Other | |
|--|---|----------|
| | Routine Plant Trash (Garbage) | 1 |
| | Dirty Containment Boom waiting on decon | 0 |

Worksite Air Monitoring

No detections of 1,3-butadiene, %LEL, or VOCs were observed within the work area during this reporting period.

Community Air Monitoring

Please note: Air monitoring samples will continue to be collected, but analytical results will be reported once per week on Monday.

Asbestos Monitoring

Community Updated 1/3

- Wipe samples: Twenty-one of the 392 samples collected have been positive for asbestos
- Bulk Sampling: 200 of 454 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

The analytical information below represents data updated 12/30

| Analytical | Detections | Samples Collected | Sample Stations |
|--|------------|-------------------|-----------------|
| Volatile Organic Compounds (VOC)* | 2* | 572 | 54 |
| Poly Aromatic Hydrocarbons (PAH) | 2 | 476 | 28 |
| Asbestos | 1 | 947 | 44 |

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Please reference the next page for this community assessment information.

Community Property Assessment Summary

291

Count of Industrial Debris Claims
Sampled

120

Count of Properties with Observed
Damage

237

Count of Properties with Observed
Debris

Community Property Assessment Summary - Jefferson

258

Count of Industrial Debris Claims
Sampled

114

Count of Properties with Observed
Damage

206

Count of Properties with Observed
Debris

Community Property Assessment Summary - Orange

33

Count of Industrial Debris Claims
Sampled

6

Count of Properties with Observed
Damage

31

Count of Properties with Observed
Debris

Completed Property Assessments Property Type Sum

| Type | # of Properties |
|------------------------|-----------------|
| Church | 1 |
| Commercial/Business | 2 |
| Industrial Facility | 3 |
| Multi-family Residence | 3 |
| Single Family Home | 282 |
| | 291 |